

Time is money.

Wasting time means wasting money.

Using the wrong material in your machine will

- waste material.
- waste energy.
- waste time.

So this will waste a lot of resources.



To give the operators more reliability, we have developed the “computer aided feeding” option. It’s to be understood as a semi-automatic central feeding system, where using the right material in the right machine is achieved.

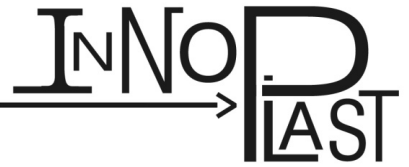
This option is available in any central feeding system, where the single material sources are equipped with purge valves. These are standard in our manifolds (material coupling stations). The typical task of these valves is to clean-up the material pipes improving the performance of conveying systems and giving quicker restart of the following feeding cycle.

Every component equipped with purge valve is now able to be observed by the software. The operator selects in the touch panel where he did connect (which silo and which component). The valve relating to that silo / source will be closed, while all other remain opened.

After the operator has selected the material sink / silo for a certain component, there is no other chance than to connect the tube into the right slot – otherwise he will be supplied with nothing but air in his machine. This may cause a short break, but by default insures the right material being loaded.

This option is also available for a single machine, if a manifold and purge valves are equipped.

CAF - Computer Aided Feeding



VIP FEED Sistema gravimetrico 8-07-11 17:24 KW27

S1	LDP:LD151 - ExxonMobil LD151	S21	LDP:AMBRA - Ambra
S2	LDP:ENFF34 - Riblene FF 34	S22	LD
S3	HDP:FB 506S - FB 506S	S23	LLD
S4	LDP:ENFL34 - Riblene FL 34	S24	HDP:ACP
S5	LDP:ENFC39 - Riblene FC 39	S25	LLD
S6	LDP:2420D03 - Lupolen 2420 D03	S26	HD
S7	LDP:ENFC30 - Riblene FC 30	S27	
S8	LLD:7087 - EFDC - 7087		
S9	EVA:FL25 - Greenflex FL 25		
S10	LDP:ENFL23 - Riblene FL 23		
S11	LDP:3010D - Lupolen 3010 D	Bid1	
S12	new:2703CH - Enable 2703CH	Bid2	M
S13	LLD:LH208 - Clearflex LFH 208	Bid3	
S14	LDP:FF30S - Riblene FF30S	Bid4	
S15	LDP:ENFF30 - Riblene FF 30	Bid5	
S16	HDP:FB506 - Eraclene FB 506	Bid6	
S17	CPP:CARBON - Carbonato Bi.		
S18	LDP:RIGBIA - Rig. Bianco		
S19	LDP:RIGAMB - Rig. Ambra/Neutro		
S20	LDP:RIGNEU - Rig. Neutro		

Typo del materiale 8-07-11 17:20 KW27

S3 - HDP:FB 506S - FB 506S

S9 - EVA:FL25 - Greenflex FL 25

S10 - LDP:ENFL23 - Riblene FL 23

S2 - LDP:ENFF34 - Riblene FF 34

S12 - new:2703CH - Enable 2703CH

S13 - LLD:LH208 - Clearflex LFH 208

S14 - LDP:FF30S - Riblene FF30S

S26 - HDP:FC82 - Eraclene FC 82

S3 - HDP:FB 506S - FB 506S

Diagram showing material flow from silos (S1-S27) through mixers (M1-M7) and coextruders (Coex M3-M7) to three circuits (CIRCUITO 1, 2, 3) with flow rates of 92%, 54%, and 46% respectively.

Here is shown how the system interacts with the operator:

In the central operating panel the material-to-silo combinations are administrated (optional by external database connection). In the panel of feeders any component is shown with feeder state, material name and silo ID. This and only this silo will be enabled for feeding into that component.

In combination with Inno-Plast gravimetric systems the silo ID and the material is also available in the machine's operator page, as well (if ethernet connection is provided).

VIP FEED Sistema gravimetrico 8-07-11 17:30 KW27

Coex M7

Percent. Defin.	% Reale	Produzione Reale kg/h	Vite rpm
A	32.0	32.0	57.5
A	65.0	64.9	37.3
A1	35.0	35.1	20.2
A2	-	-	-
B	36.0	36.0	64.7
B	73.0	72.9	47.2
B1	20.0	20.0	13.0
B2	7.0	7.0	4.5
C	32.0	32.1	57.7
C	70.0	70.1	40.4
C1	30.0	29.9	17.2
C2	-	-	-

Diagram showing material flow from silos (S17, S4, S20, S13, S14) through mixers (M1-M7) and coextruders (Coex M3-M7) to three circuits (CIRCUITO 1, 2, 3) with flow rates of 92%, 54%, and 46% respectively.

No. ordine 2051-2

Consumo tot. kg/h	Defin.	Reale
180.0	180.0	179.8
22.3	22.3	22.2
38.00	38.00	37.94
900	900	-
78.95	78.95	78.99

MAX MIN slg 14.1 % 7.8 % 6.1 %

P-P 5.1 µm

bob. metri	bob. kg	Diam. mm	Mandr. mm
2750	104.5	432.0	175.0
2433	92.3	-	-
107.3	-	-	-

What can we do for you? Get in touch today!

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